



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named  
Inventor : Evren Eryurek et al.

Appln. No.: 09/855,179

Filed : May 14, 2001

For : DIAGNOSTICS FOR INDUSTRIAL  
PROCESS CONTROL AND  
MEASUREMENT SYSTEMS

Docket No.: P32.12-0006

Group Art Unit: 2863

Examiner: X. Sun

**RESPONSE**

Mail Stop Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

I HEREBY CERTIFY THAT THIS PAPER IS BEING  
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14<sup>th</sup> DAY OF November, 2003.

PATENT ATTORNEY

Sir:

REMARKS

This is in response to the Office Action mailed on July 31, 2003.

In the Office Action, claims 1-5, 14-17 and 34-37 were allowed; and claims 28-33 were rejected. With this Response, no claims are amended and claims 28-33 are presented for reconsideration and allowance.

Section three of the Office Action indicated that claim 28 was rejected under 35 U.S.C. §103(a) as being unpatentable over Burns et al. (U.S. Patent 5,970,430) in view of Eryurek et al. (U.S. Patent 5,828,567, referred to as Eryurek I). With respect to this claim, the Office Action asserted that Burns et al. teaches a method of providing diagnostics on a fieldbus process communication loop, but do not explicitly mention "indirectly coupling diagnostic circuitry to the fieldbus process communication loop." The Office Action then further asserted that the Eryurek reference teaches "a technique of indirectly coupling diagnostic circuitry to a process control system, wherein a